DS-1246ZJ Bracket

Installation Guide

1 Introduction

Thank you for purchasing our product. If there are any questions, or requests, please do not hesitate to contact the dealer.

This installation guide is applicable to DS-2CD71xx series mini dome camera, such as DS-2CD7153-E, DS-2CD7164-E, and DS-2CD7133-E.

This manual may contain several technical incorrect places or printing errors, and the content is subject to change without notice. The updates will be added to the new version of this manual. We will readily improve or update the products or procedures described in the manual.

The content in this installation guide is only for your reference! If there is inconsistency between the image and the actual product, the actual product shall govern.

The components, assemblies and accessories mentioned in this guide is only for illustration, not standing for the actual installation kit of the purchased model, the actual installation kit please refer to the packing list.

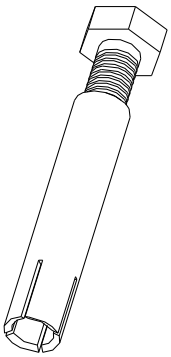
Please refer to the camera user's manual (in CD) to check detail disclaimers.

Packing list:

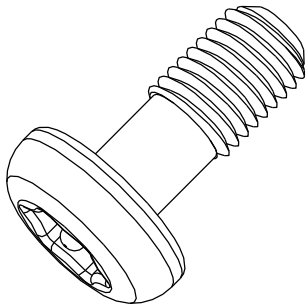
Name	Number
Aluminum Pipe Bracket	1
Back Box	1

Name	Number
Securing Plate	1
PM4*8 Screw	4
φ8 Expansion Screw	5
M4*6 Lock Screw	2

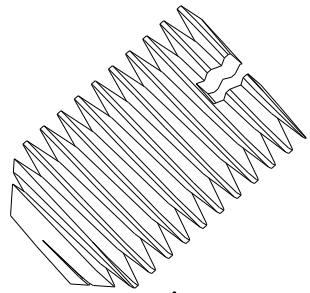
Screws:



Φ8 Expansion Screw



PM4*8 Screw



M4*6 Lock Screw

2 Bracket Installation Steps

Note :

Please make sure that the wall is strong enough to withstand three times the weight of the camera and the bracket.

1. **Drill the holes on the wall**
   1). Drill four expansion screw holes and one cable hole on the wall.
   2). Feed the power cable and the video cable through the cable hole.
   3). Strike the four φ8 expansion screws into the screw hole.

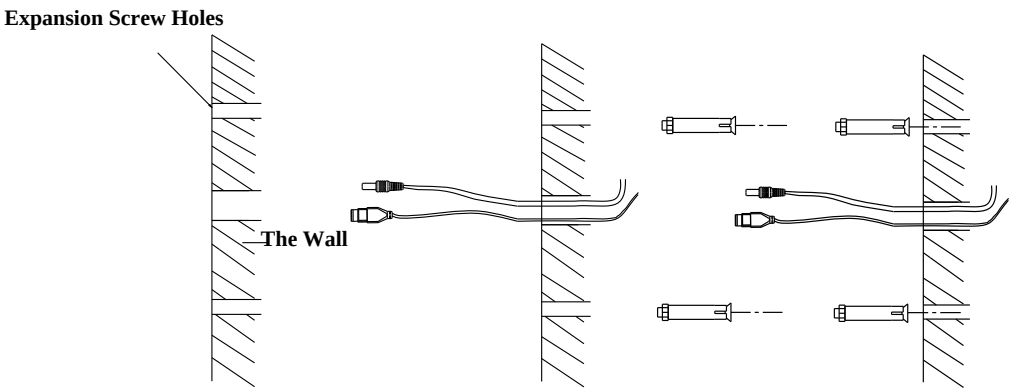


Figure 2-1 Drill the Holes on the Wall

***Note*:** You may only see two expansion screw holes from the above figure, because the visual line is horizontal, and the other two expansion screw holes are exactly behind the visible ones.

2. Install the bracket

1). Remove the nuts and the washers from the expansion screws.

2). Align the mounting base with the expansion holes on the wall.

3). Feed the power/video cable through the bracket.

4). Secure the mounting base to the wall with the removed nuts and washers.

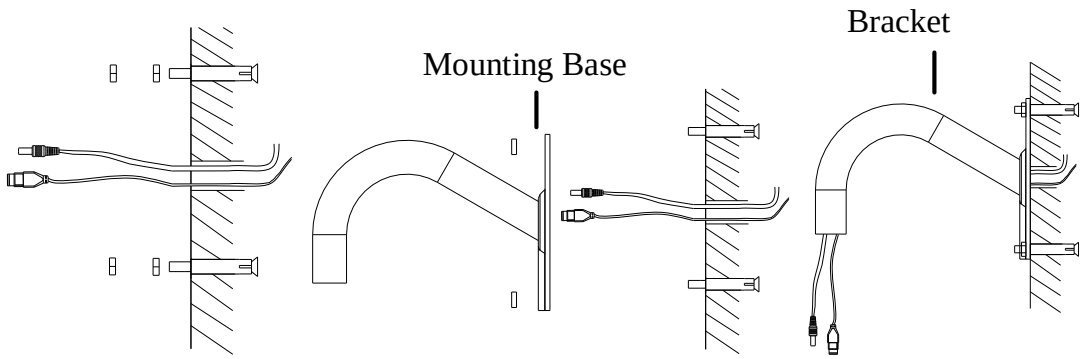


Figure 2-2 Install the Bracket

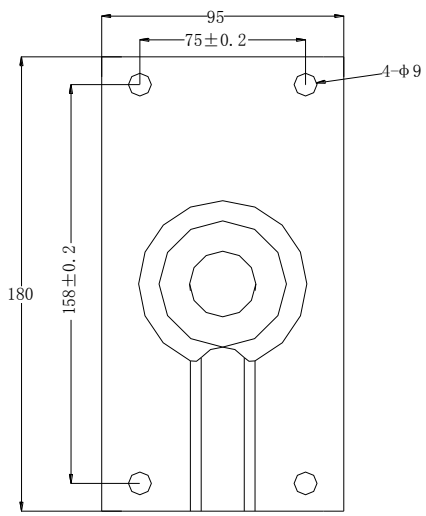


Figure 2-3 Mounting Base Overview

3. **Install the back box and the securing plate**:

   1) Secure the back box to the threaded end of the mounting bracket with the M4*6 lock screws.

   2) Insert the securing plate, and secure it with four M4*8 set screws.

   3) Feed the power cable and the video cable through the back box and the securing plate.

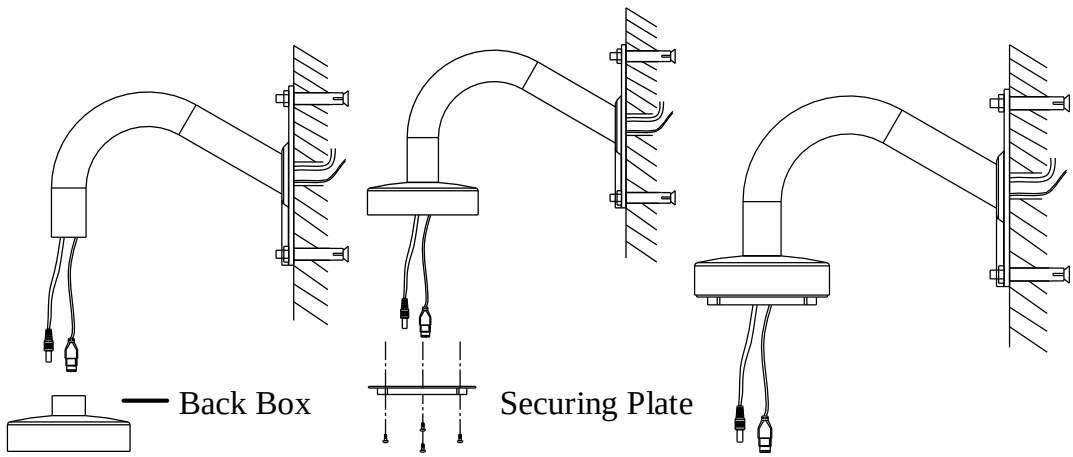


Figure 2-4 Install the Housing

Note :

When you insert the securing plate to the back box, make sure the plate side with the raised edges faces towards the ground

4. **Install the Camera**:

   1). Remove the hex screws on the dome camera with the supplied screwdriver to separate the camera lid and the camera.

   2). Connect the corresponding power/video cables.

3). Secure the camera to the back box with the two supplied screws.

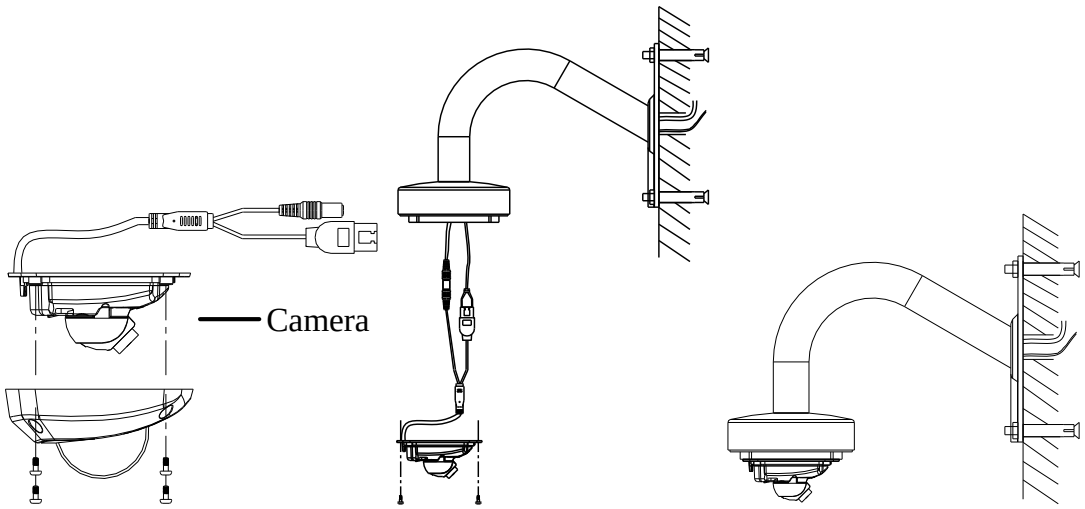


Figure 2-5 Install the Camera

5. **Adjust the Lens:**

1) Loosen the lock screw beside the lens**.**

2) View the camera image via the monitor.

3) Adjust the panning position and tilting position and rotate the lens to get the desired surveillance angle.

4).Tighten the lock screws.

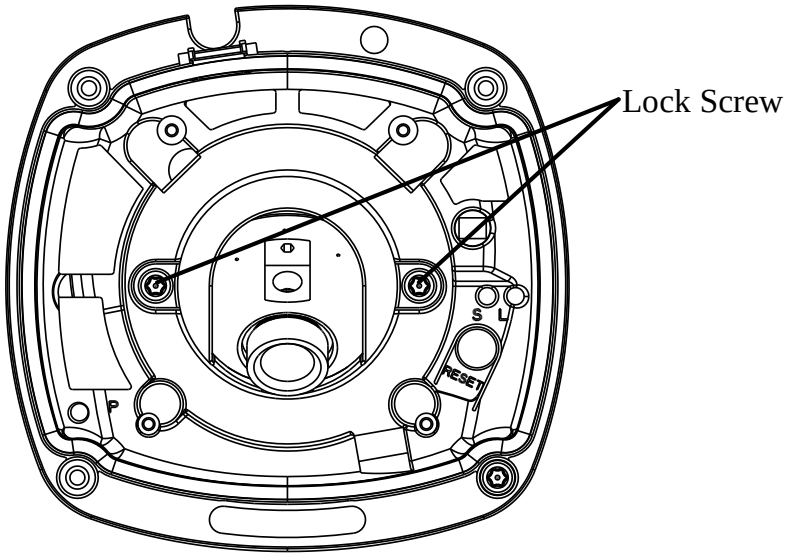


Figure 2-6 Adjust the Lens

6. **Install the Camera Lid**:

   1) Attach the camera lid to the camera

   2) Secure the camera lid and the camera with the removed hex screws.

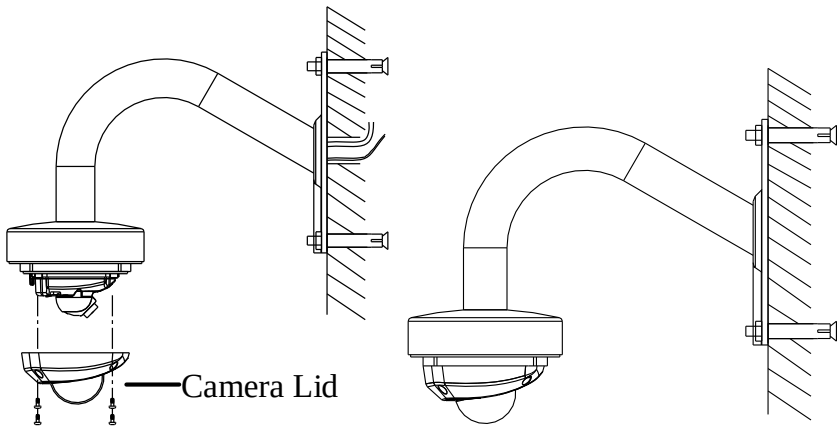


Figure 2-7 Install the Camera Lid